

Low Birth Weight

FHOP INDICATOR TEMPLATE

INDICATOR: Percent of Low Birth Weight

DEFINITION: The percent of live births weighing less than 2,500 grams

NUMERATOR: The number of live births weighing less than 2,500 grams, by place of residence, in a calendar year

DENOMINATOR: The total number of live births, by place of residence, in a calendar year

HEALTHY PEOPLE 2020 OBJECTIVE:

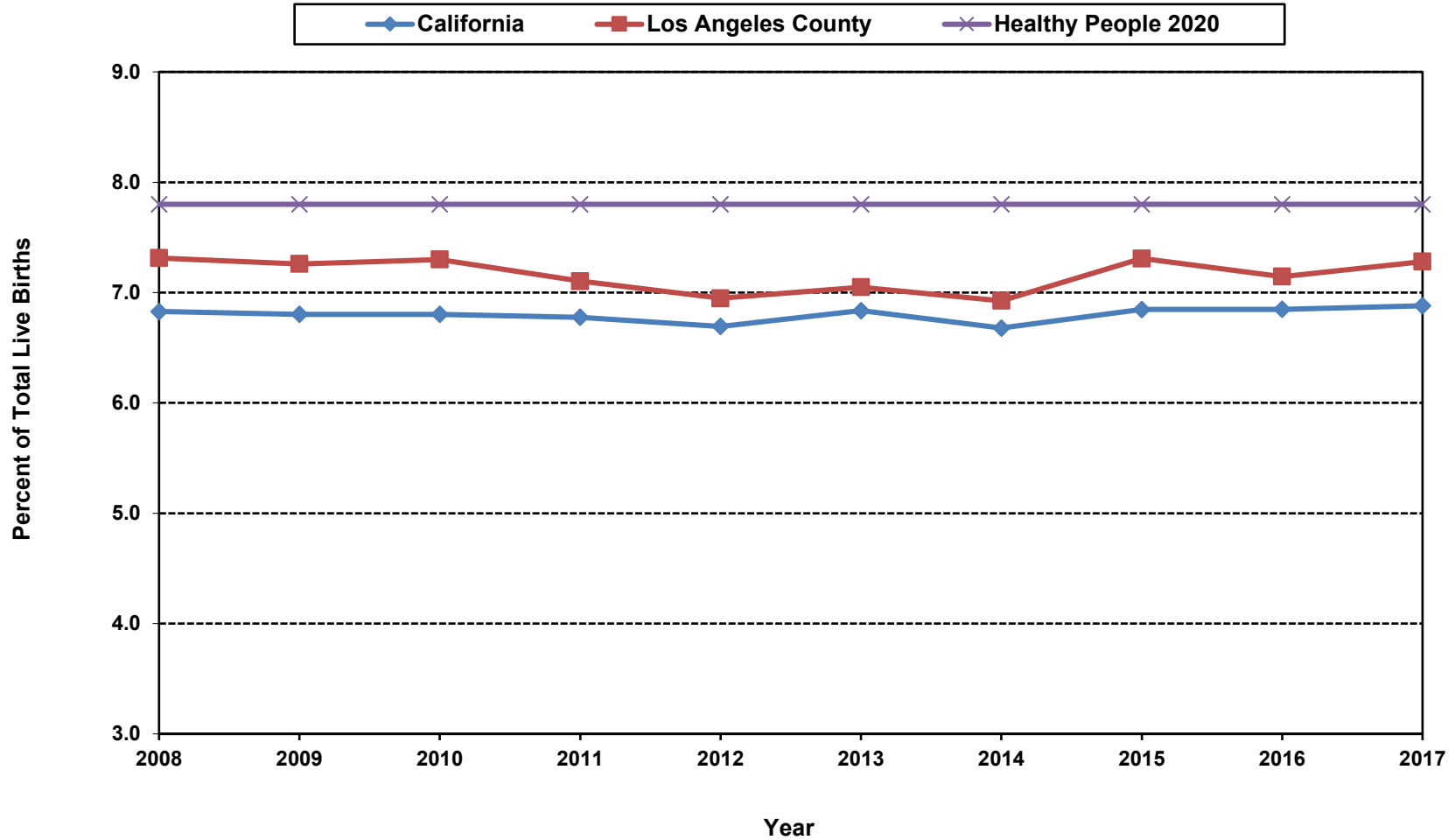
Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.
(Baseline: 8.2 percent in 2007) (Objective MICH-8.1)

Year	California				Los Angeles County			
	Low Birth Weight		95% Confidence Interval		Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2008	37,663	6.8	6.8	6.9	10,800	7.3	7.2	7.4
2009	35,835	6.8	6.7	6.9	10,139	7.3	7.1	7.4
2010	34,692	6.8	6.7	6.9	9,721	7.3	7.2	7.4
2011	34,017	6.8	6.7	6.8	9,257	7.1	7.0	7.2
2012	33,723	6.7	6.6	6.8	9,151	6.9	6.8	7.1
2013	33,798	6.8	6.8	6.9	9,058	7.0	6.9	7.2
2014	33,586	6.7	6.6	6.7	9,013	6.9	6.8	7.1
2015	33,666	6.8	6.8	6.9	9,100	7.3	7.2	7.5
2016	33,476	6.8	6.8	6.9	8,783	7.1	7.0	7.3
2017	32,451	6.9	6.8	7.0	8,508	7.3	7.1	7.4

Denominator: Live Births		
Year	California	LA County
2008	551,567	147,684
2009	526,774	139,679
2010	509,979	133,160
2011	502,023	130,313
2012	503,788	131,697
2013	494,392	128,526
2014	502,879	130,150
2015	491,748	124,507
2016	488,827	122,941
2017	471,658	116,850

Source: California Department of Public Health, Birth Statistical Master Files, 2008-2017
Centers for Disease Control and Prevention, National Vital Statistics Reports, Vol. 67, No. 8, November 8, 2018

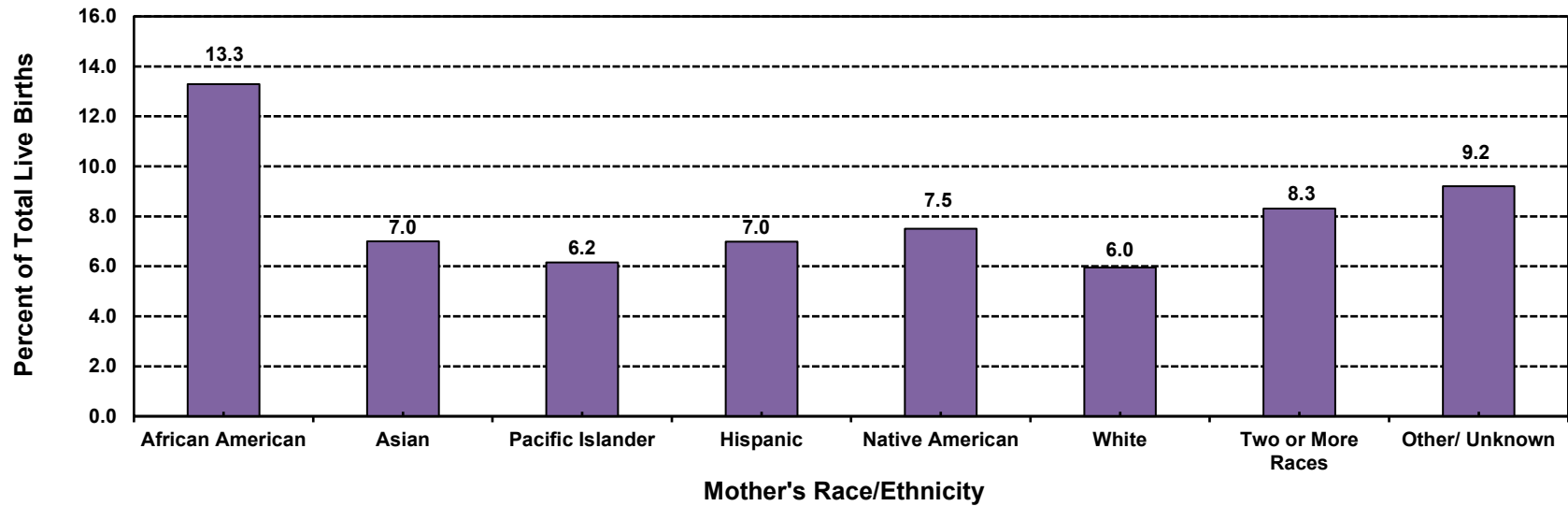
**Low Birth Weight Live Births as a Percent of Total Live Births
California vs. Los Angeles County, 2008-2017**



Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Source: California Department of Public Health, Birth Statistical Master Files, 2008-2017
Centers for Disease Control and Prevention, National Vital Statistics Reports, Vol. 67, No. 8, November 8, 2018

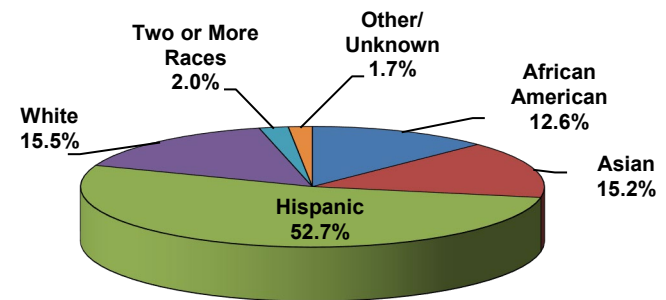
**Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Race/Ethnicity	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	1,072	13.3	12.6	14.0
Asian	1,294	7.0	6.6	7.4
Pacific Islander	16	6.2	3.2	9.1
Hispanic	4,480	7.0	6.8	7.2
Native American	12	7.5	3.4	11.6
White	1,321	6.0	5.6	6.3
Two or More Races	172	8.3	7.1	9.5
Other/ Unknown	141	9.2	7.8	10.7
Total	8,508	7.3	7.1	7.4

Total Live Births
8,064
18,490
260
64,091
160
22,185
2,069
1,531
116,850

**Distribution of Low Birth Weight Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2017**

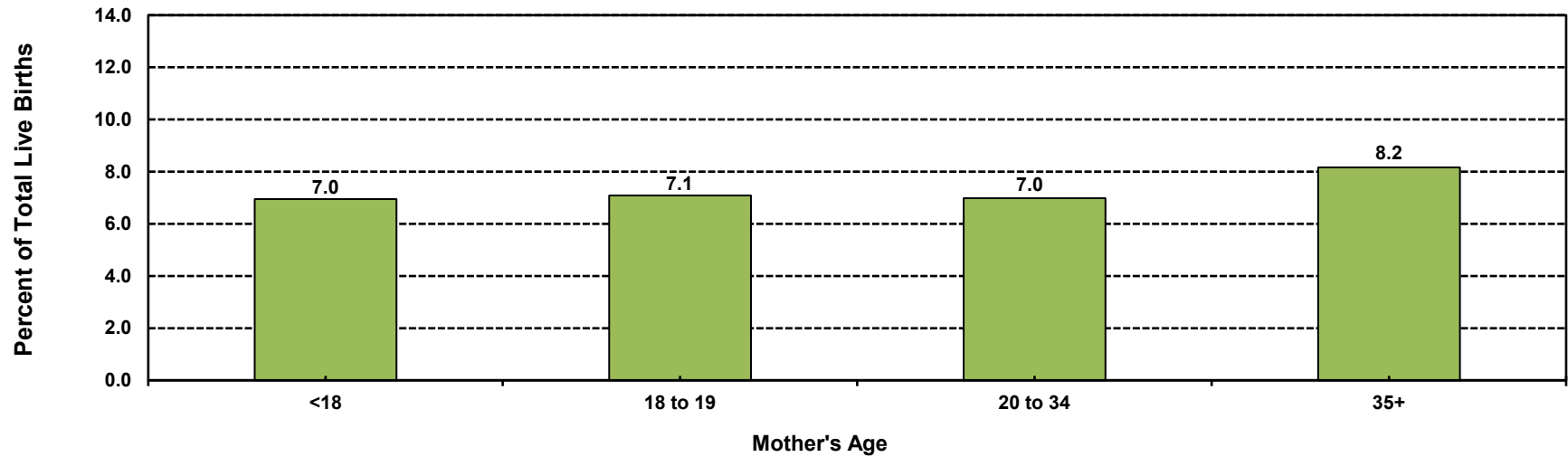


Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

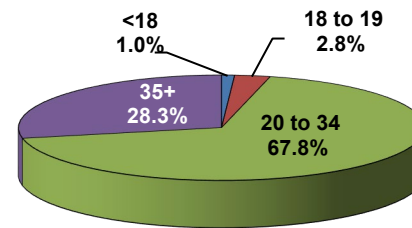
**Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Age
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Age	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	88	7.0	5.6	8.4
18 to 19	241	7.1	6.2	8.0
20 to 34	5,772	7.0	6.8	7.2
35+	2,405	8.2	7.9	8.5
Total	8,508	7.3	7.1	7.4

Total Live Births
1,266
3,399
82,698
29,462
116,850

**Distribution of Low Birth Weight Live Births
by Mother's Age
Los Angeles County, 2017**



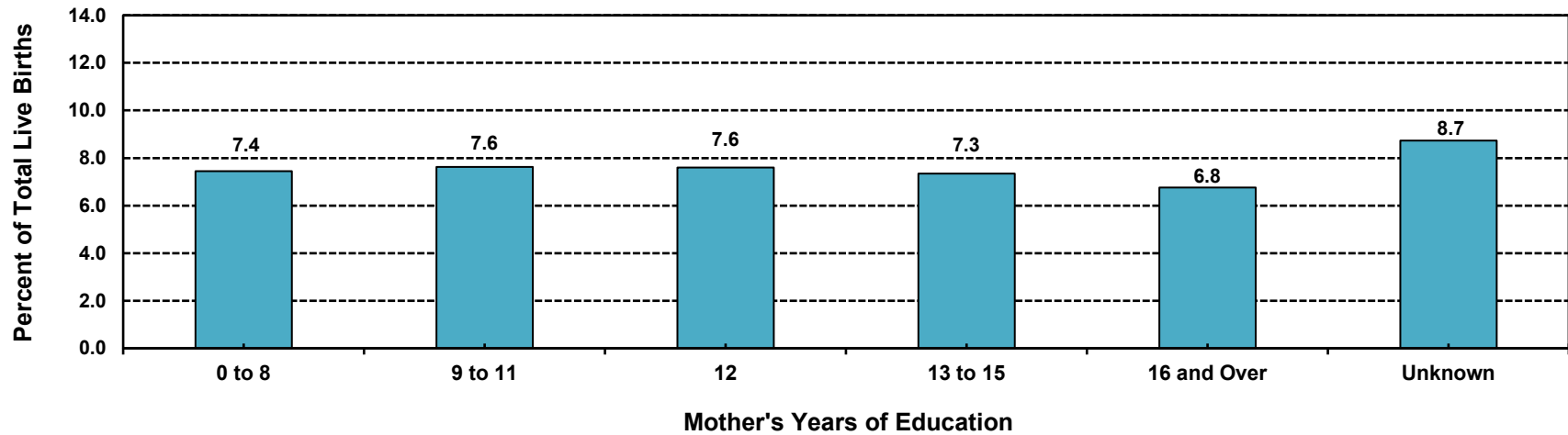
Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

"Unknown" category is excluded.

Source: California Department of Public Health, Birth Statistical Master File, 2017

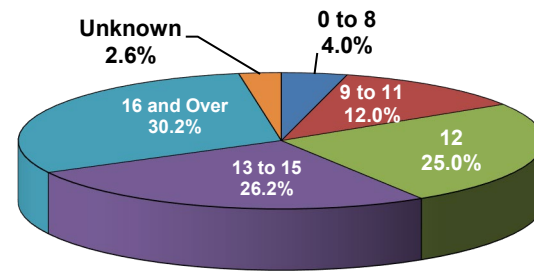
**Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Years of Education	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	344	7.4	6.7	8.2
9 to 11	1,022	7.6	7.2	8.1
12	2,128	7.6	7.3	7.9
13 to 15	2,227	7.3	7.0	7.6
16 and Over	2,566	6.8	6.5	7.0
Unknown	221	8.7	7.6	9.8
Total	8,508	7.3	7.1	7.4

Total Live Births
4,618
13,404
27,984
30,342
37,972
2,530
116,850

**Distribution of Low Birth Weight Live Births
by Mother's Years of Education
Los Angeles County, 2017**

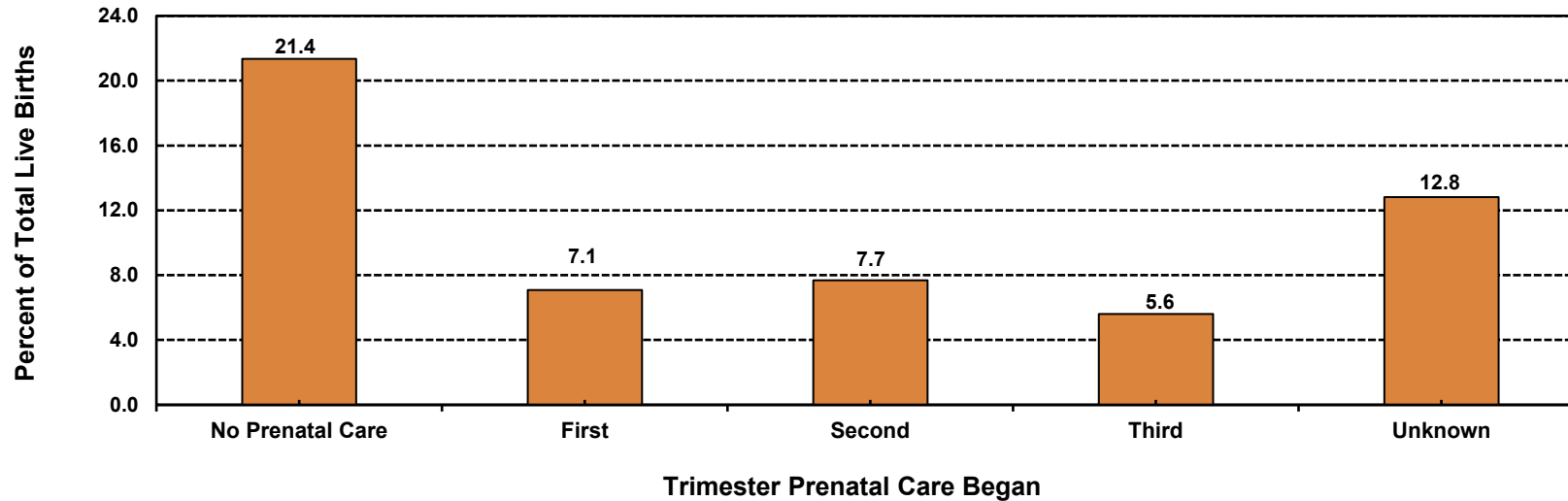


Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

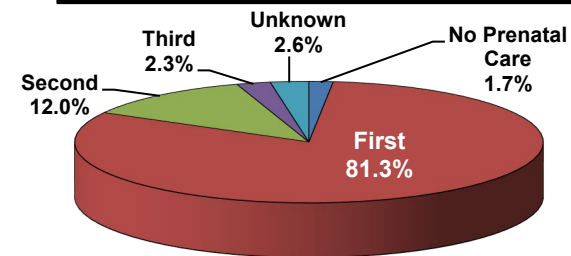
**Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Trimester Prenatal Care Began	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	142	21.4	18.2	24.5
First	6,921	7.1	6.9	7.3
Second	1,021	7.7	7.2	8.1
Third	199	5.6	4.8	6.4
Unknown	225	12.8	11.2	14.4
Total	8,508	7.3	7.1	7.4

Total Live Births
665
97,572
13,302
3,555
1,756
116,850

**Distribution of Low Birth Weight Live Births
by Mother's Trimester Prenatal Care Began
Los Angeles County, 2017**

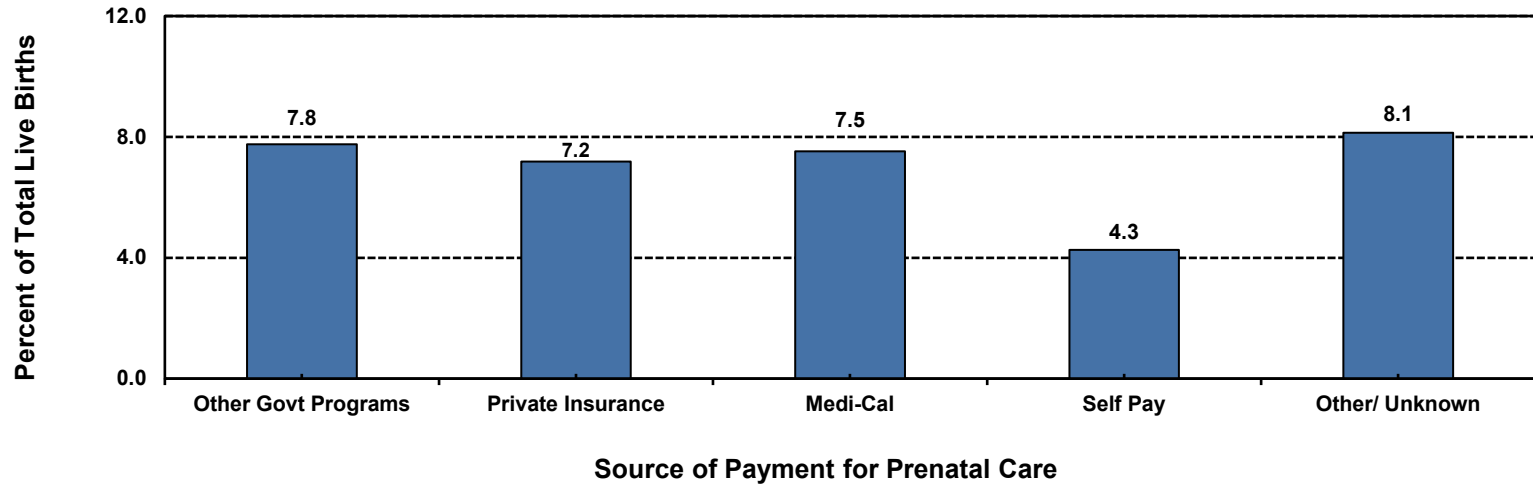


Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

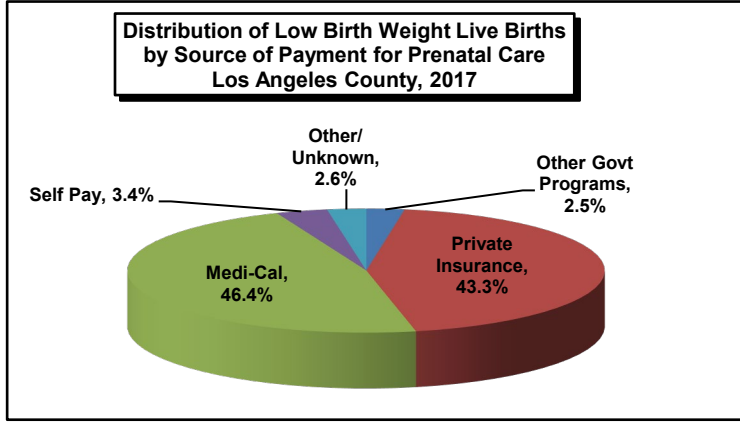
Source: California Department of Public Health, Birth Statistical Master File, 2017

**Low Birth Weight Live Births as a Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2017**



Los Angeles County, 2017				
Source of Payment for Prenatal Care	Low Birthweight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	142	21.4	18.2	24.5
Other Govt Programs	216	7.8	6.8	8.7
Private Insurance	3,688	7.2	7.0	7.4
Medi-Cal	3,949	7.5	7.3	7.7
Self Pay	292	4.3	3.8	4.7
Other/ Unknown	221	8.1	7.1	9.2
Total	8,508	7.3	7.1	7.4

Total Live Births
665
2,785
51,330
52,500
6,855
2,715
116,850

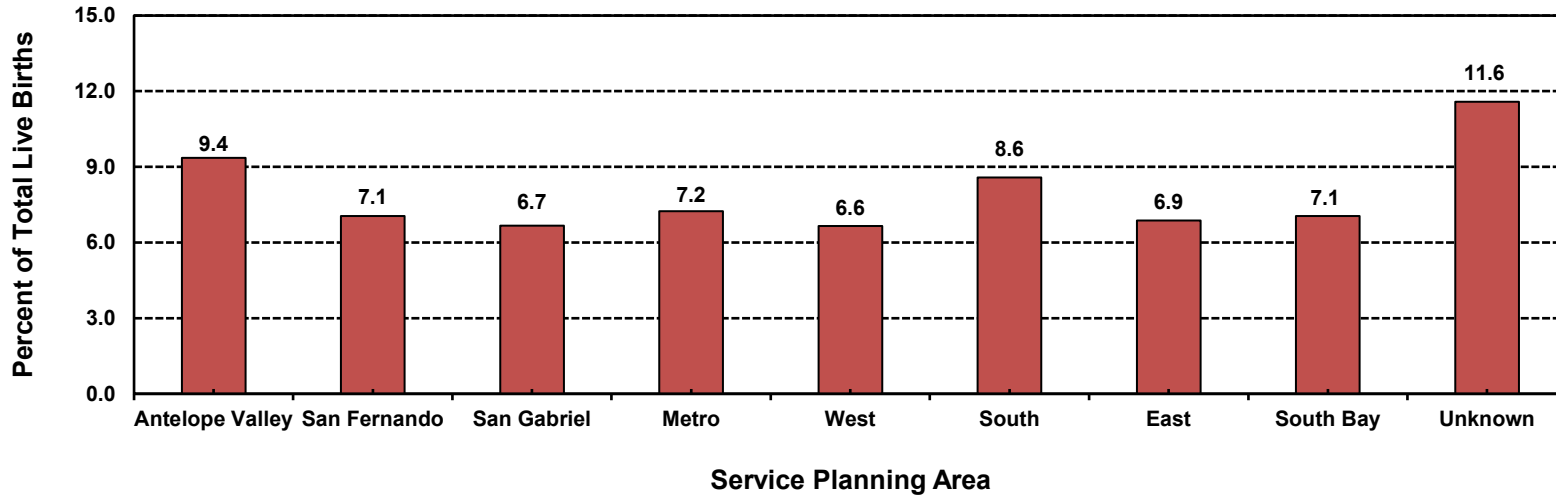


Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

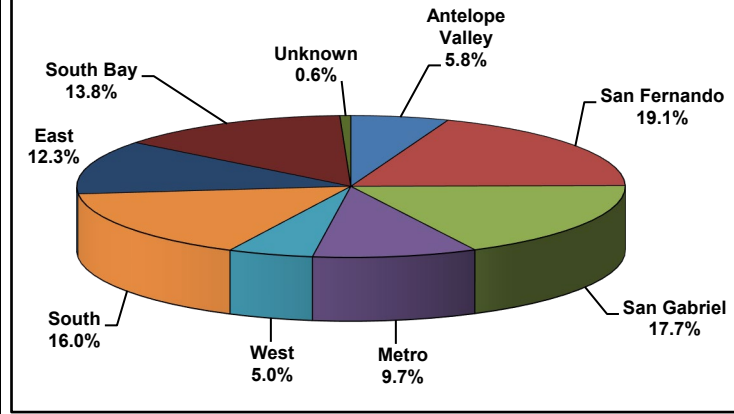
**Low Birth Weight Live Births as a Percent of Total Live Births
by Service Planning Area (SPA)
Los Angeles County, 2017**



Los Angeles County, 2017				
Service Planning Area (SPA)	SPA		95% Confidence Interval	
	Number	Percent	Lower	Upper
Antelope Valley	491	9.4	8.6	10.1
San Fernando	1,623	7.1	6.7	7.4
San Gabriel	1,506	6.7	6.3	7.0
Metro	824	7.2	6.8	7.7
West	427	6.6	6.0	7.3
South	1,364	8.6	8.1	9.0
East	1,048	6.9	6.5	7.3
South Bay	1,170	7.1	6.7	7.4
Unknown	55	11.6	8.7	14.5
Total	8,508	7.3	7.1	7.4

Total Live Births
5,246
23,004
22,593
11,370
6,423
15,905
15,240
16,594
475
116,850

**Distribution of Low Birth Weight Live Births
by Service Planning Area (SPA)
Los Angeles County, 2017**



Year 2020 Objective: Reduce low birth weight births to an incidence of no more than 7.8 percent of live births.

Note: Low birth weight is defined as weight of less than 2,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

Very Low Birth Weight

Very Low Birth Weight

INDICATOR: Percent of Very Low Birthweight

DEFINITION: The percent of live births weighing less than 1,500 grams

NUMERATOR: The number of live births weighing less than 1,500 grams, by place of residence, in a calendar year

DENOMINATOR: The total number of live births, by place of residence, in a calendar year

HEALTHY PEOPLE 2020 OBJECTIVE:

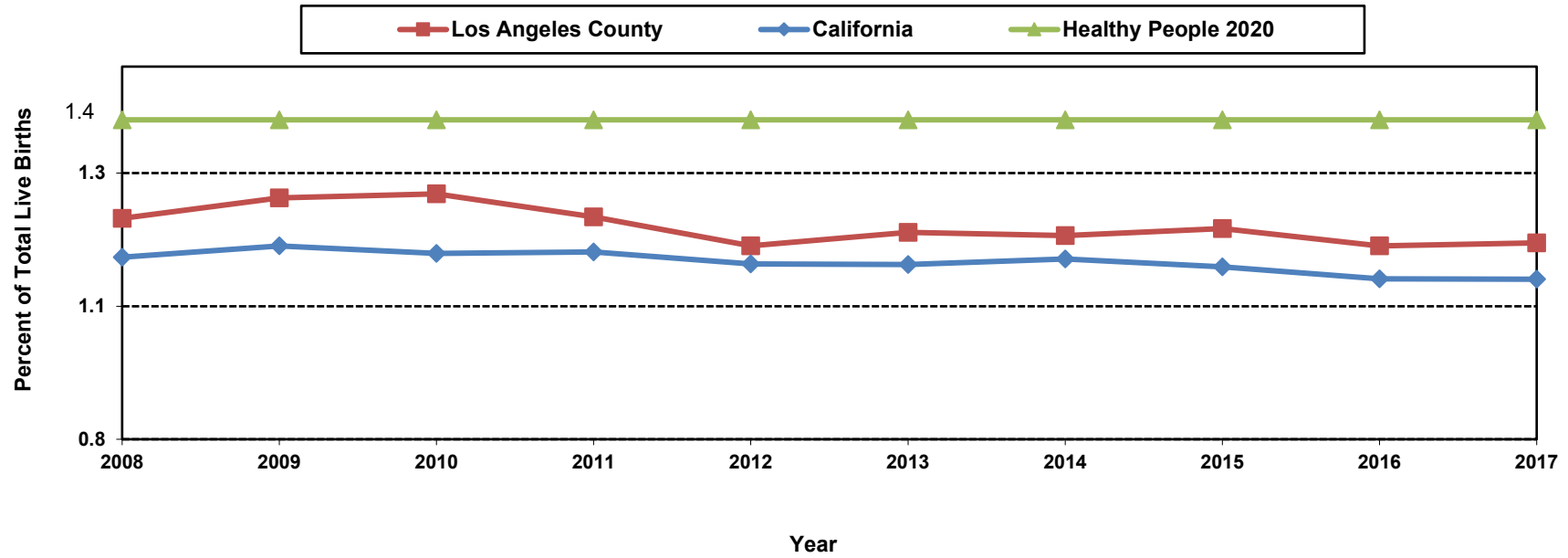
Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.
(Baseline: 1.5 percent in 2007) (Objective MICH-8.2)

Year	California				Los Angeles County			
	Very Low Birth Weight		95% Confidence Interval		Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper	Number	Percent	Lower	Upper
2008	6,298	1.1	1.1	1.2	1,794	1.2	1.2	1.3
2009	6,127	1.2	1.1	1.2	1,751	1.3	1.2	1.3
2010	5,859	1.1	1.1	1.2	1,679	1.3	1.2	1.3
2011	5,782	1.2	1.1	1.2	1,587	1.2	1.2	1.3
2012	5,689	1.1	1.1	1.2	1,532	1.2	1.1	1.2
2013	5,579	1.1	1.1	1.2	1,528	1.2	1.1	1.2
2014	5,727	1.1	1.1	1.2	1,539	1.2	1.1	1.2
2015	5,527	1.1	1.1	1.2	1,489	1.2	1.1	1.3
2016	5,384	1.1	1.1	1.1	1,430	1.2	1.1	1.2
2017	5,191	1.1	1.1	1.1	1,366	1.2	1.1	1.2

Denominator: Live Births		
Year	California	LA County
2008	551,567	147,684
2009	526,774	139,679
2010	509,979	133,160
2011	502,023	130,313
2012	503,788	131,697
2013	494,392	128,526
2014	502,973	130,150
2015	491,748	124,507
2016	488,827	122,941
2017	471,658	116,850

Source: California Department of Public Health, Birth Statistical Master File, 2017
Centers for Disease Control and Prevention, National Vital Statistics Reports, Vol. 67, No. 8, November 8, 2018

Very Low Birth Weight Live Births as a Percent of Total Live Births California vs. Los Angeles County, 2008-2017

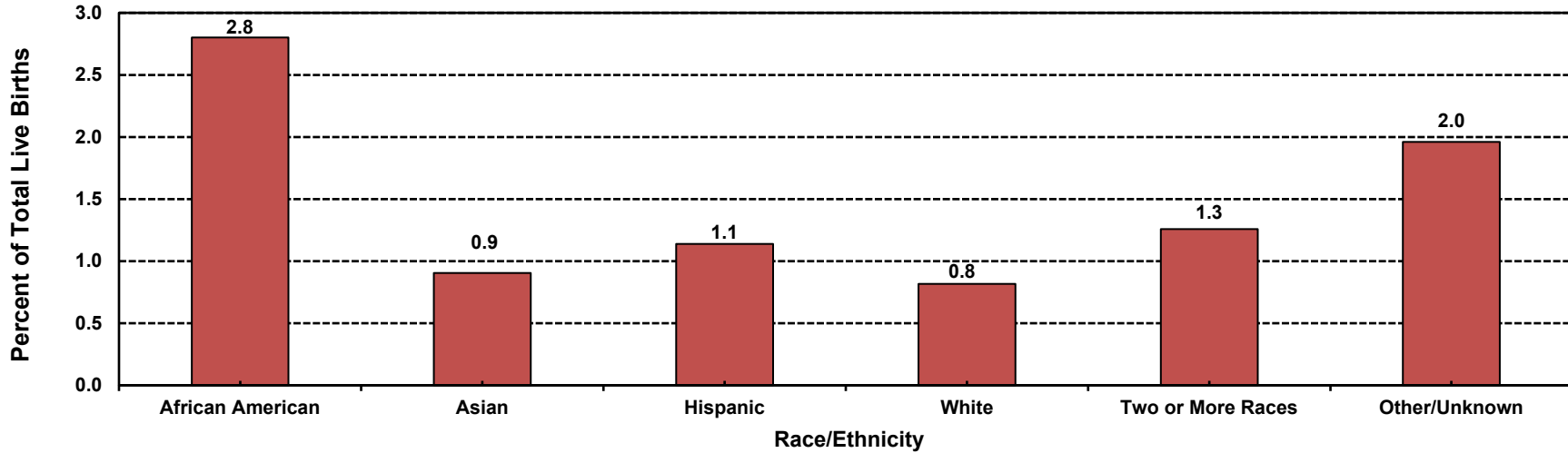


Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Source: Centers for Disease Control and Prevention, National Vital Statistics Reports, Vol. 67, No. 8, November 8, 2018

California Department of Public Health, Birth Statistical Master File, 2017

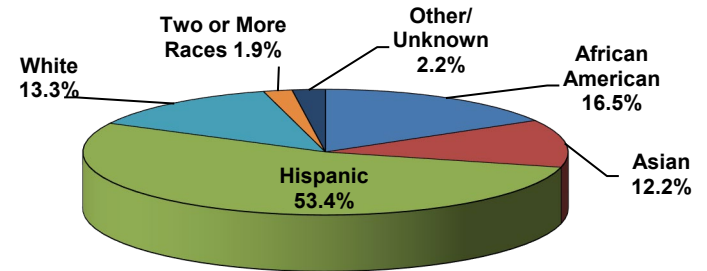
**Very Low Birth Weight Live Births as Percent of Total Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Race/Ethnicity	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
African American	226	2.8	2.4	3.2
Asian	167	0.9	0.8	1.0
Hispanic	729	1.1	1.1	1.2
Native American	<5	N/C	N/C	N/C
White	181	0.8	0.7	0.9
Two or More Races	26	1.3	0.8	1.7
Other/Unknown	30	2.0	1.3	2.7
Pacific Islander	<5	N/C	N/C	N/C
Total	1,366	1.2	1.1	1.2

Total Live Births
8,064
18,490
64,091
160
22,185
2,069
1,531
260
116,850

**Distribution of Very Low Birth Weight Live Births
by Mother's Race/Ethnicity
Los Angeles County, 2017**

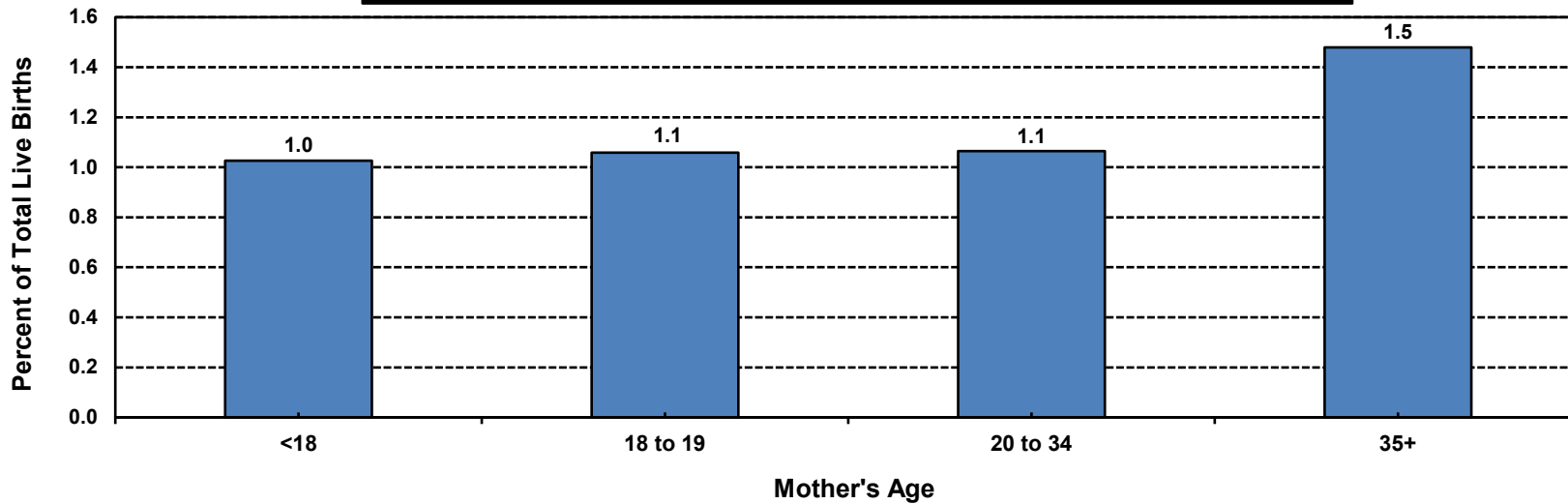


Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at bir Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Birth Statistical Master File, 2017

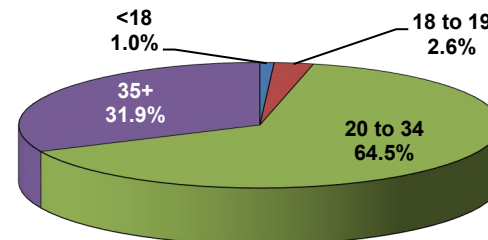
**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Age
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Age	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
<18	13	1.0	0.5	1.6
18 to 19	36	1.1	0.7	1.4
20 to 34	880	1.1	1.0	1.1
35+	436	1.5	1.3	1.6
Other/Unknown	<5	N/C	N/C	N/C
Total	1,366	1.2	1.1	1.2

Total Live Births
1,266
3,399
82,698
29,462
25
116,850

**Distribution of Very Low Birth Weight Live Births
by Mother's Age
Los Angeles County, 2017**



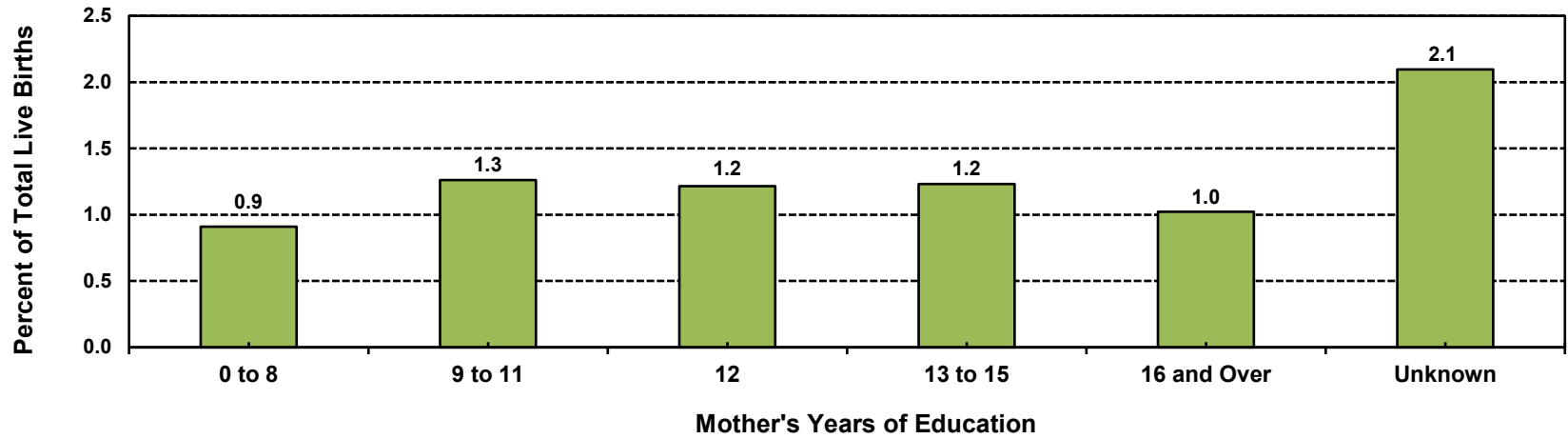
Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at birth.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

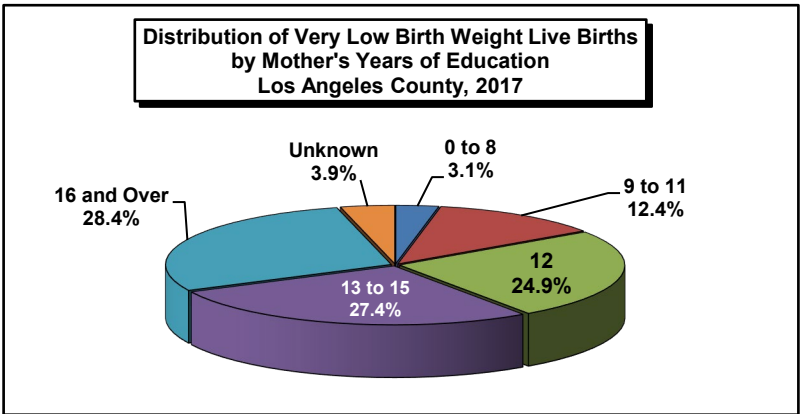
Source: California Department of Public Health, Birth Statistical Master File, 2017

**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Years of Education
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Years of Education	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
0 to 8	42	0.9	0.6	1.2
9 to 11	169	1.3	1.1	1.4
12	340	1.2	1.1	1.3
13 to 15	374	1.2	1.1	1.4
16 and Over	388	1.0	0.9	1.1
Unknown	53	2.1	1.5	2.7
Total	1,366	1.2	1.1	1.2

Total Live Births
4,618
13,404
27,984
30,342
37,972
2,530
116,850

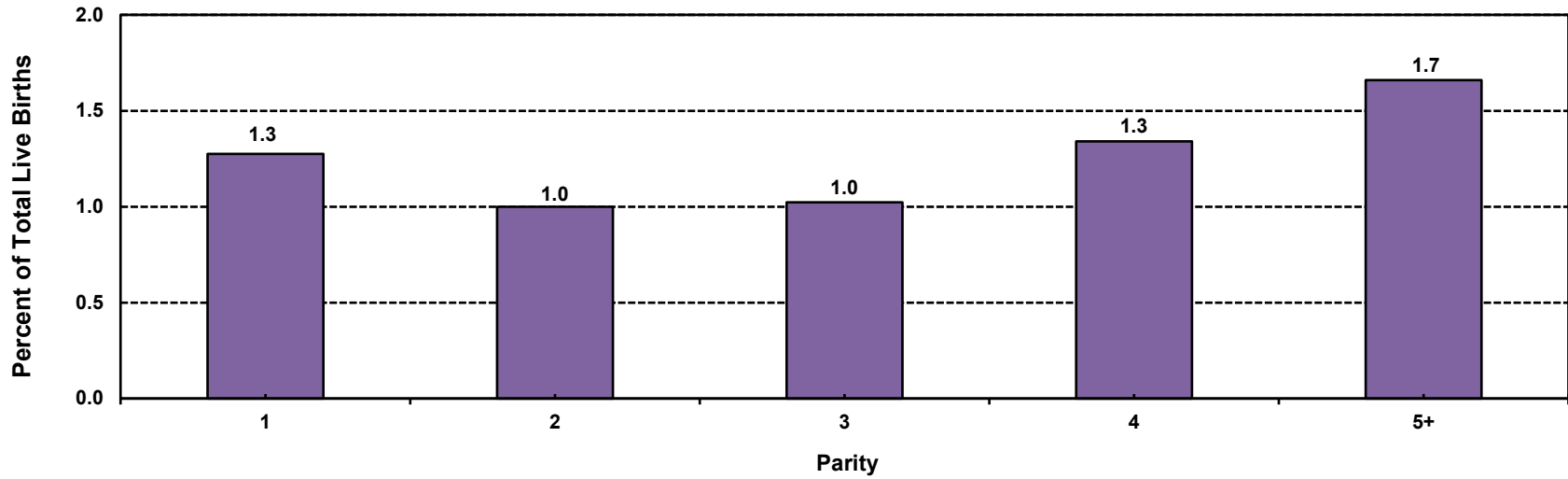


Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Notes: Very low birth weight is defined as weight less than 1,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

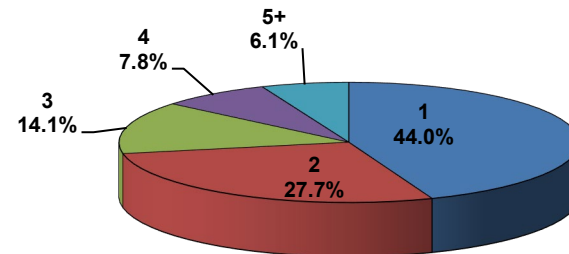
**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Parity
Los Angeles County, 2017**



Los Angeles County, 2017				
Parity	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
1	601	1.3	1.2	1.4
2	379	1.0	0.9	1.1
3	192	1.0	0.9	1.2
4	106	1.3	1.1	1.6
5+	84	1.7	1.3	2.0
Unknown	<5	N/C	N/C	N/C
Total	1,366	1.2	1.1	1.2

Total Live Births
47,110
37,915
18,776
7,905
5,061
83
116,850

**Distribution of Very Low Birth Weight Live Births
by Parity
Los Angeles County, 2017**



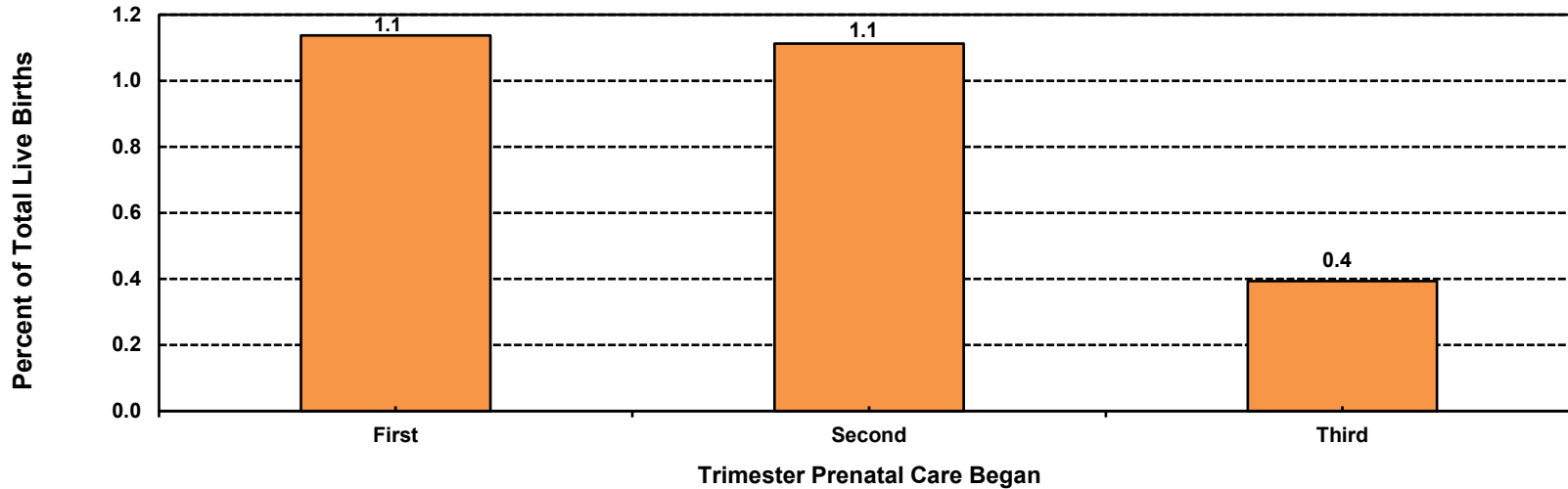
Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at birth.

"Parity" is defined as the number of pregnancies resulting in live births to a woman.

Source: California Department of Public Health, Birth Statistical Master File, 2017

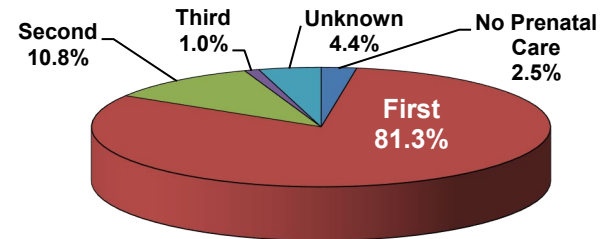
**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Mother's Trimester Prenatal Care (PNC) Began
Los Angeles County, 2017**



Los Angeles County, 2017				
Mother's Trimester Prenatal Care Began	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	34	5.1	3.4	6.8
First	1,110	1.1	1.1	1.2
Second	148	1.1	0.9	1.3
Third	14	0.4	0.2	0.6
Unknown	60	3.4	2.6	4.3
Total	1,366	1.2	1.1	1.2

Total Live Births
665
97,572
13,302
3,555
1,756
116,850

**Distribution of Very Low Birth Weight Live Births
by Mother's Trimester Prenatal Care Began
Los Angeles County, 2017**

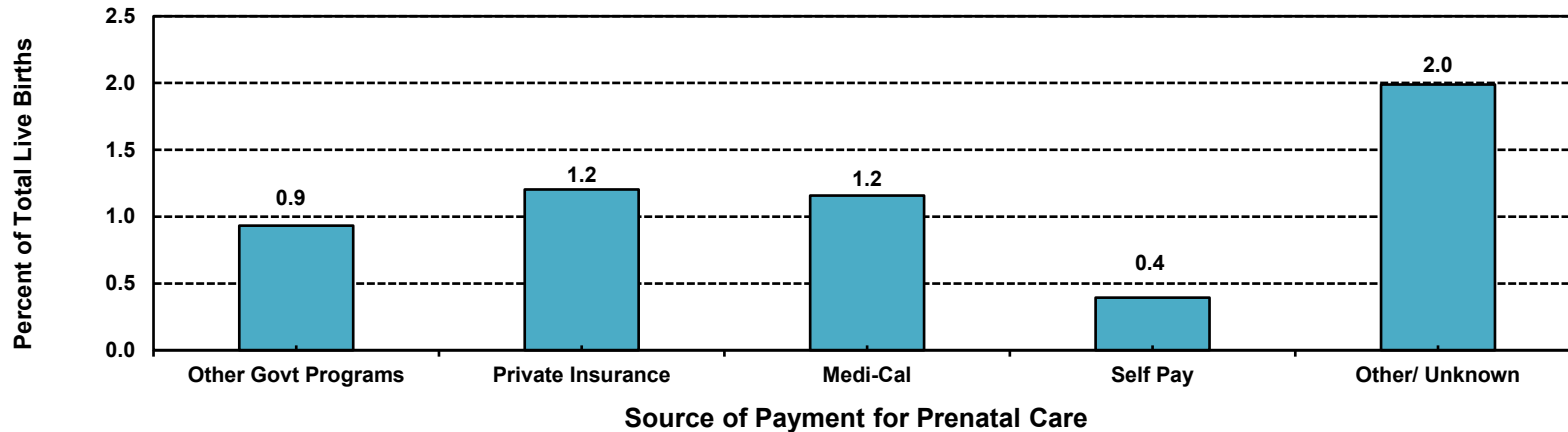


Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

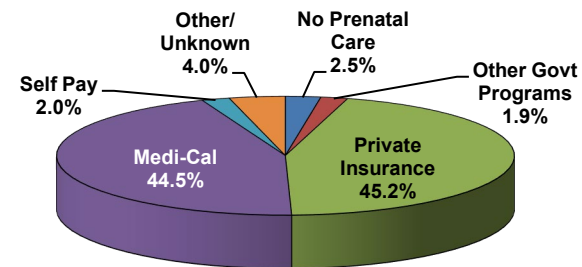
**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Source of Payment for Prenatal Care (PNC)
Los Angeles County, 2017**



Los Angeles County, 2017				
Source of Payment for Prenatal Care	Very Low Birth Weight		95% Confidence Interval	
	Number	Percent	Lower	Upper
No Prenatal Care	34	5.1	3.4	6.8
Other Govt Programs	26	0.9	0.6	1.3
Private Insurance	617	1.2	1.1	1.3
Medi-Cal	608	1.2	1.1	1.2
Self Pay	27	0.4	0.2	0.5
Other/ Unknown	54	2.0	1.5	2.5
Total	1,366	1.2	1.1	1.2

Total Live Births
665
2,785
51,330
52,500
6,855
2,715
116,850

**Distribution of Very Low Birth Weight Live Births
by Source of Payment for Prenatal Care
Los Angeles County, 2017**

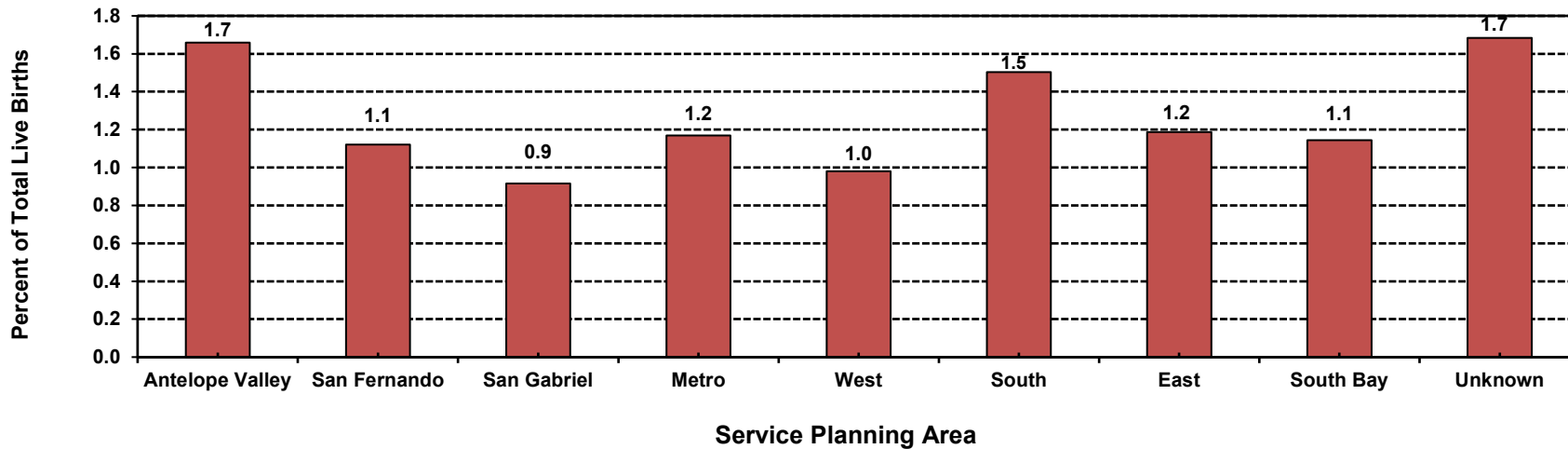


Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017

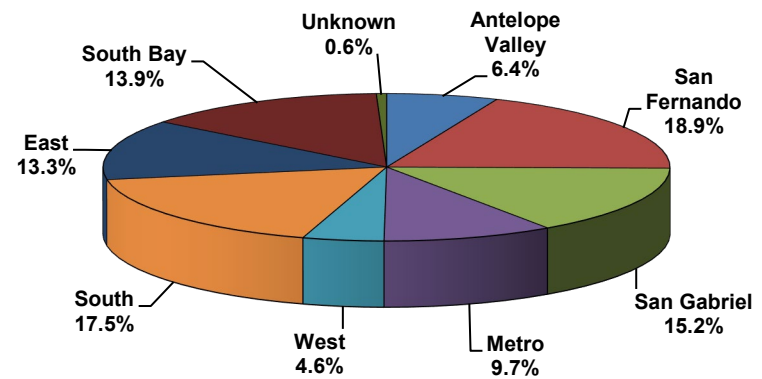
**Very Low Birth Weight Live Births as a Percent of Total Live Births
by Service Planning Area (SPA)
Los Angeles County, 2017**



Los Angeles County, 2017				
Service Planning Area (SPA)	SPA		95% Confidence Interval	
	Number	Percent	Lower	Upper
Antelope Valley	87	1.7	1.3	2.0
San Fernando	258	1.1	1.0	1.3
San Gabriel	207	0.9	0.8	1.0
Metro	133	1.2	1.0	1.4
West	63	1.0	0.7	1.2
South	239	1.5	1.3	1.7
East	181	1.2	1.0	1.4
South Bay	190	1.1	1.0	1.3
Unknown	8	1.7	0.5	2.8
Total	1,366	1.2	1.1	1.2

Total Live Births
5,246
23,004
22,593
11,370
6,423
15,905
15,240
16,594
475
116,850

**Distribution of Very Low Birth Weight Live Births
by Service Planning Area (SPA)
Los Angeles County, 2017**



Year 2020 Objective: Reduce very low birth weight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birth weight is defined as weight less than 1,500 grams at birth.

Source: California Department of Public Health, Birth Statistical Master File, 2017